

QGIS Application - Bug report #15553

QGIS Server OPACITIES parameter works only when STYLES parameter is default

2016-09-10 01:56 AM - Tudor Bărăscu

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	QGIS Server	
Affected QGIS version:	2.18.4	Regression?: No
Operating System:	Debian Stretch	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 23476

Description

If in the GetMap request the STYLES parameter is empty/default the OPACITIES parameter works at it should.
If the STYLE=whatever_else then the OPACITIES parameter doesn't work.

How to recreate:

- Download test data from <https://github.com/tudorbarascu/qgis-server-tutorial-data/archive/master.zip>
- Run GetMap request with default style (works)

```
http://qgisplatform.demo/cgi-bin/qgis_mapserv.fcgi
?MAP=/home/web/projects/world.qgs
&SERVICE=WMS
&VERSION=1.3.0
&REQUEST=GetMap
&BBOX=-432786,4372992,3358959,7513746
&SRS=EPSG:3857
&WIDTH=665
&HEIGHT=551
&FORMAT=image/jpeg
&LAYERS=countries
&STYLES=
&OPACITIES=50
```

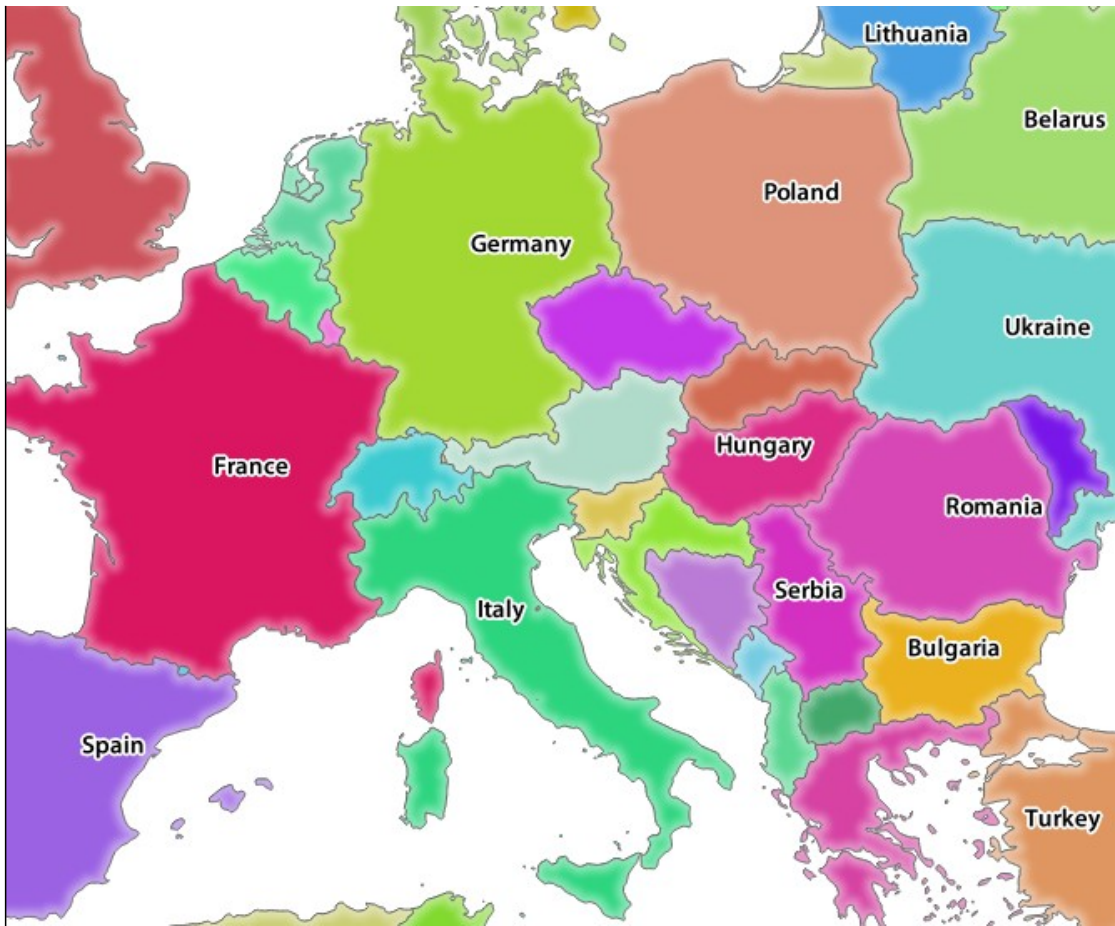
The above request outputs:



When running the same GetMap request with explicit STYLE, it doesn't work.

```
http://qgisplatform.demo/cgi-bin/qgis_mapserv.fcgi
?MAP=/home/web/projects/world.qgs
&SERVICE=WMS
&VERSION=1.3.0
&REQUEST=GetMap
&BBOX=-432786,4372992,3358959,7513746
&SRS=EPSG:3857
&WIDTH=665
&HEIGHT=551
&FORMAT=image/jpeg
&LAYERS=countries
&STYLES=classified_by_name
&OPACITIES=50
```

The above request outputs:



Tested on QGIS Server master, 2.14 and 2.16

History

#1 - 2016-09-12 05:18 AM - Jukka Rahkonen

I am not sure what QGIS does with OPACITIES, but generally speaking JPEG format does not support transparency so I think that you should do all testing with transparency/opacity with png format.

#2 - 2016-09-12 05:39 AM - Tudor Bărbăscu

Good point.
I actually tested with the png format but at some point in testing and testing I mistakenly turned to jpeg.

Same problem nonetheless.

The second image should be the same as the first one, and they're not.

Thanks.

#3 - 2016-09-12 10:28 PM - Jukka Rahkonen

I wonder how strict the predefined styles are. For example, if opacity is defined in the style, should it still be possible to change it with OPACITIES? If QGIS server supports the GetStyles request, what does it send with 6STYLES=classified_by_name?

#4 - 2017-03-08 02:20 AM - Tudor Bărăscu
- Target version changed from Version 2.14 to Version 2.18

The issue is still present in 2.18.4 and 2.14.12

#5 - 2017-03-08 02:24 AM - Giovanni Manghi
- Affected QGIS version changed from 2.14.5 to 2.18.4

#6 - 2017-05-01 01:03 AM - Giovanni Manghi
- Regression? set to No
- Easy fix? set to No

#7 - 2018-09-12 07:25 AM - Tudor Bărăscu
- Status changed from Open to Closed

This works in QGIS 3 + 3.4 LTR is coming out so I'm closing it!

#8 - 2018-09-12 04:10 PM - Giovanni Manghi
- Resolution set to fixed/implemented
- Description updated

Files			
1.jpeg	47.1 KB	2016-09-09	Tudor Bărăscu
2.jpeg	83.3 KB	2016-09-09	Tudor Bărăscu